

FORM PTO-1449 U.S. Department of
Commerce (Rev. 4/92) Patent and Trademark
Office

ATTY. DOCKET NO.

SERIAL NO.

TSM-35

10/787,112

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

APPLICANT
Y. MIMATSU et al.

FILING DATE
February 27, 2004

GROUP
2131

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|-----------------|---------|-------------------|-------|----------|-------------------------------|
| TD | 3,771,137 | 11-1973 | BARNER et al. | | | |
| TD | 4,025,904 | 5-1977 | ADNEY et al. | | | |
| TD | 5,408,465 | 4-1995 | GUSELLA et al. | | | |
| TD | 5,459,857 | 10-1995 | LUDLAM et al. | | | |
| TD | 5,504,882 | 4-1996 | CHAI et al. | | | |
| TD | 5,548,712 | 8-1996 | LARSON et al. | | | |
| TD | 5,680,580 | 10-1997 | BEARDSLEY et al. | | | |
| TD | 5,680,640 | 10-1997 | OFEK et al. | | | |
| TD | 5,758,118 | 5-1998 | CHOY et al. | | | |
| TD | 5,835,954 | 11-1998 | DUYANOVICH et al. | | | |

FOREIGN PATENT DOCUMENTS

| | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | ABSTRACT | |
|----|------------------|---------|---------|-------|----------|----------|----|
| | | | | | | YES | NO |
| TD | JP 9-288547 A | 11-1997 | Japan | | | X | |
| TD | JP 10-283272 A | 10-1998 | Japan | | | X | |
| TD | JP 2002-230246 A | 8-2002 | Japan | | | X | |
| TD | JP 2002-157091 A | 5-2002 | Japan | | | X | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|----|--|
| TD | White Paper; Network Attached Storage In the Data Protection Environment, Presented by Sony Electronics, February 2002. |
| TD | SCSI-3 Fault Tolerant Controller Configurations Utilizing SCC & New Event Codes, Editor: Steve Sicola, High Availability Study Group, Document No.: X3T10 95-312r3, Rev. 3.0, February 28, 1996. |

EXAMINER /Trang Doan/

DATE CONSIDERED 09/29/2006

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(Form PTO-1449 [6-4])



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| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|-----------------|---------|-----------------|-------|----------|-------------------------------|
| TD | 5,870,537 | 2-1999 | KERN et al. | | | |
| TD | 5,895,485 | 4-1999 | LOECHEL et al. | | | |
| TD | 5,917,723 | 6-1999 | BINFORD | | | |
| TD | 5,956,750 | 9-1999 | YAMAMOTO et al. | | | |
| TD | 5,978,890 | 11-1999 | OZAWA et al. | | | |
| TD | 6,012,123 | 1-2000 | PECONE et al. | | | |
| TD | 6,098,129 | 8-2000 | FUKUZAWA et al. | | | |
| TD | 6,108,748 | 8-2000 | OFEK et al. | | | |
| TD | 6,173,374 | 1-2001 | HEIL et al. | | | |
| TD | 6,230,239 | 5-2001 | SAKAKI et al. | | | |
| TD | 6,240,486 | 5-2001 | OFEK et al. | | | |

FOREIGN PATENT DOCUMENTS

| | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | ABSTRACT | |
|----|----------------------------------|---------|---------|-------|----------|----------|----|
| | | | | | | YES | NO |
| TD | JP 2000-293317 A | 10-2000 | Japan | | | X | |
| TD | JP 11-184641 A | 7-1999 | Japan | | | X | |
| TD | JP 10-508967T (abstract only) | 9-1998 | Japan | | | X | |
| TD | JP 2001-067187 A | 03-2001 | Japan | | | X | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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|---------------------|-----------------|---------|------------------|-------|----------|-------------------------------|
| TD | 6,240,494 | 5-2001 | NAGASAWA et al. | | | |
| TD | 6,247,099 | 6-2001 | SKAZINSKI et al. | | | |
| TD | 6,247,103 | 6-2001 | KERN et al. | | | |
| TD | 6,356,977 | 3-2002 | OFEK et al. | | | |
| TD | 6,446,141 | 9-2002 | NOLAN et al. | | | |
| TD | 6,446,175 | 9-2002 | WEST et al. | | | |
| TD | 6,457,139 | 9-2002 | D'ERRICO et al. | | | |
| TD | 6,490,659 | 12-2002 | MCKEAN et al. | | | |
| TD | 6,529,976 | 3-2003 | FUKUZAWA et al. | | | |
| TD | 6,553,408 | 4-2003 | MERRELL et al. | | | |
| TD | 6,640,278 | 10-2003 | NOLAN et al. | | | |

FOREIGN PATENT DOCUMENTS

| | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | ABSTRACT | |
|----|-----------------|---------|---------|-------|----------|----------|----|
| | | | | | | YES | NO |
| TD | EP 1 130 514 A2 | 09-2001 | Europe | | | | |
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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|---------------------|-----------------|---------|--------------------|-------|----------|-------------------------------|
| TD | 6,640,291 | 10-2003 | FUJIBAYASHI et al. | | | |
| TD | 6,647,474 | 11-2003 | YANAI et al. | | | |
| TD | 6,647,476 | 11-2003 | NAGASAWA et al. | | | |
| TD | 6,654,830 | 11-2003 | TAYLOR et al. | | | |
| TD | 6,654,831 | 11-2003 | OTTERNESS et al. | | | |
| TD | 6,675,258 | 1-2004 | BRAMHALL et al. | | | |
| TD | 6,681,303 | 1-2004 | WATANABE et al. | | | |
| TD | 6,681,339 | 1-2004 | MCKEAN et al. | | | |
| TD | 6,708,232 | 3-2004 | OBARA | | | |
| TD | 6,826,778 | 11-2004 | BOPARDIKAR et al. | | | |
| TD | 6,883,064 | 4-2005 | YOSHIDA et al. | | | |

FOREIGN PATENT DOCUMENTS

| | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | ABSTRACT | |
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|---------------------|-----------------|---------|----------------|-------|----------|-------------------------------|
| TD | 2001/0050915 A1 | 12-2001 | O'HARE et al. | | | |
| TD | 2002/0004857 A1 | 1-2002 | ARAKAWA et al. | | | |
| TD | 2002/0133735 A1 | 9-2002 | MCKEAN et al. | | | |
| TD | 2002/0156887 A1 | 10-2002 | HASHIMOTO | | | |
| TD | 2002/0194523 A1 | 12-2002 | ULRICH et al. | | | |
| TD | 2002/0019920 A1 | 2-2002 | REUTER et al. | | | |
| TD | 2002/0019922 A1 | 2-2002 | REUTER et al. | | | |
| TD | 2002/0019923 A1 | 2-2002 | REUTER et al. | | | |
| TD | 2002/0026558 A1 | 2-2002 | REUTER et al. | | | |
| TD | 2002/0029326 A1 | 3-2002 | REUTER et al. | | | |
| TD | 2003/0037071 A1 | 2-2003 | HARRIS et al. | | | |

FOREIGN PATENT DOCUMENTS

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|---------------------|-----------------|--------|------------------|-------|----------|-------------------------------|
| TD | 2003/0051109 A1 | 3-2003 | COCHRAN | | | |
| TD | 2003/0056038 A1 | 3-2003 | COCHRAN | | | |
| TD | 2003/0097607 A1 | 5-2003 | BESSIRE | | | |
| TD | 2003/0101228 A1 | 5-2003 | BUSSER et al. | | | |
| TD | 2003/0115432 A1 | 6-2003 | BIESSENER et al. | | | |
| TD | 2003/0126327 A1 | 7-2003 | PESOLA et al. | | | |
| TD | 2003/0145168 A1 | 7-2003 | LECRONE et al. | | | |
| TD | 2003/0145169 A1 | 7-2003 | NAGASAWA et al. | | | |
| TD | 2003/0158999 A1 | 8-2003 | HAUCK et al. | | | |
| TD | 2003/0167419 A1 | 9-2003 | YANAI et al. | | | |
| TD | 2003/0182525 A1 | 9-2003 | O'CONNELL et al. | | | |

FOREIGN PATENT DOCUMENTS

| | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | ABSTRACT | |
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U.S. PATENT DOCUMENTS

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|---------------------|-----------------|---------|-----------------|-------|----------|-------------------------------|
| TD | 2003/0200387 A1 | 10-2003 | URABE et al. | | | |
| TD | 2003/0204597 A1 | 10-2003 | ARAKAWA et al. | | | |
| TD | 2003/0212854 A1 | 11-2003 | KITAMURA et al. | | | |
| TD | 2003/0212860 A1 | 11-2003 | JIANG et al. | | | |
| TD | 2003/0221077 A1 | 11-2003 | OHNO et al. | | | |
| TD | 2004/0003022 A1 | 1-2004 | GARRISON et al. | | | |
| TD | 2004/0049553 A1 | 3-2004 | IWAMURA et al. | | | |
| TD | 2004/0054850 A1 | 3-2004 | FISK | | | |
| TD | 2004/0064610 A1 | 4-2004 | FUKUZAWA et al. | | | |
| TD | 2004/0064641 A1 | 4-2004 | KODAMA | | | |
| TD | 2004/0123180 A1 | 6-2004 | SOEJIMA et al. | | | |

FOREIGN PATENT DOCUMENTS

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|---------------------|-----------------|---------|------------------|-------|----------|-------------------------------|
| TD | 2004/0143832 A1 | 7-2004 | YAMAMOTO et al. | | | |
| TD | 2004/0148443 A1 | 7-2004 | ACHIWA | | | |
| TD | 2004/0172510 A1 | 9-2004 | NAGASHIMA et al. | | | |
| TD | 2004/0230980 A1 | 11-2004 | KOYAMA et al. | | | |
| TD | 2004/0260875 A1 | 12-2004 | MUROTANI et al. | | | |
| TD | 2004/0260966 A1 | 12-2004 | KAIYA et al. | | | |
| TD | 2005/0010743 A1 | 1-2005 | TREMBLAY et al. | | | |
| TD | 2005/0081009 A1 | 4-2005 | WILLIAMS et al. | | | |
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| | | DOCUMENT | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
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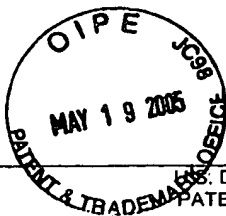
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| * EXAMINER INITIAL | | DOCUMENT | DATE | NAME | CLASS | SUBCLASS | FILING DATE (If Appropriate) |
|-----------------------|----|------------------|----------|-----------------|-------|----------|---------------------------------|
| TD | AA | 6,219,753 | 04/17/01 | Richardson | | | |
| TD | AB | 6,484,173 | 11/19/02 | O'Hare et al | | | |
| TD | AC | 6,523,096 | 02/18/03 | Sanada et al | | | |
| TD | AD | 6,598,134 | 07/22/03 | Ofek et al | | | |
| TD | AE | 6,684,310 | 01/27/04 | Anzai et al | | | |
| TD | AF | 6,745,281 | 01/01/04 | Saegusa | | | |
| TD | AG | 6,799,255 | 09/28/04 | Blumenau et al | | | |
| TD | AH | 6,816,948 | 11/09/04 | Kitamura et al | | | |
| TD | AI | 6,851,020 | 02/01/05 | Matsumoto et al | | | |
| TD | AJ | 2001/0052 018 | 12/13/01 | Yokokura | | | |
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FOREIGN PATENT DOCUMENTS

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|---------------------|-----------------|---------|----------------|-------|----------|-------------------------------|
| TD | 5,155,845 | 10-1992 | Bael et al. | | | |
| TD | 2004/0111485 A1 | 6-2004 | Mimatsu et al. | | | |
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